

```
graph TD
    100[100] <--> 172[172]
    172 --> 180[180]
    180 <-->|184| 190[190]
    180 -->|170c| 190
    150[150] -->|152| 192[192]
    subgraph 160 [160]
        180
        190
        150
        192
    end
    170a[170a] --- 172
    170b[170b] --- 180
```

The diagram illustrates a system architecture. A top-level box contains components 100 and 172. Component 172 includes a sub-component 170a. A bidirectional arrow connects 100 and 172. A line from the connection point of this arrow leads down to a larger box labeled 160. Inside box 160, there are four components: 180, 190, 150, and 192. Component 180 includes a sub-component 170b. Component 190 includes a sub-component 192. Bidirectional arrows connect 180 and 190, with the rightward arrow labeled 184. A unidirectional arrow labeled 170c points from 180 to 190. A unidirectional arrow labeled 152 points from 150 to 192. A line from the top of box 160 points down to component 180.

Fig. 1

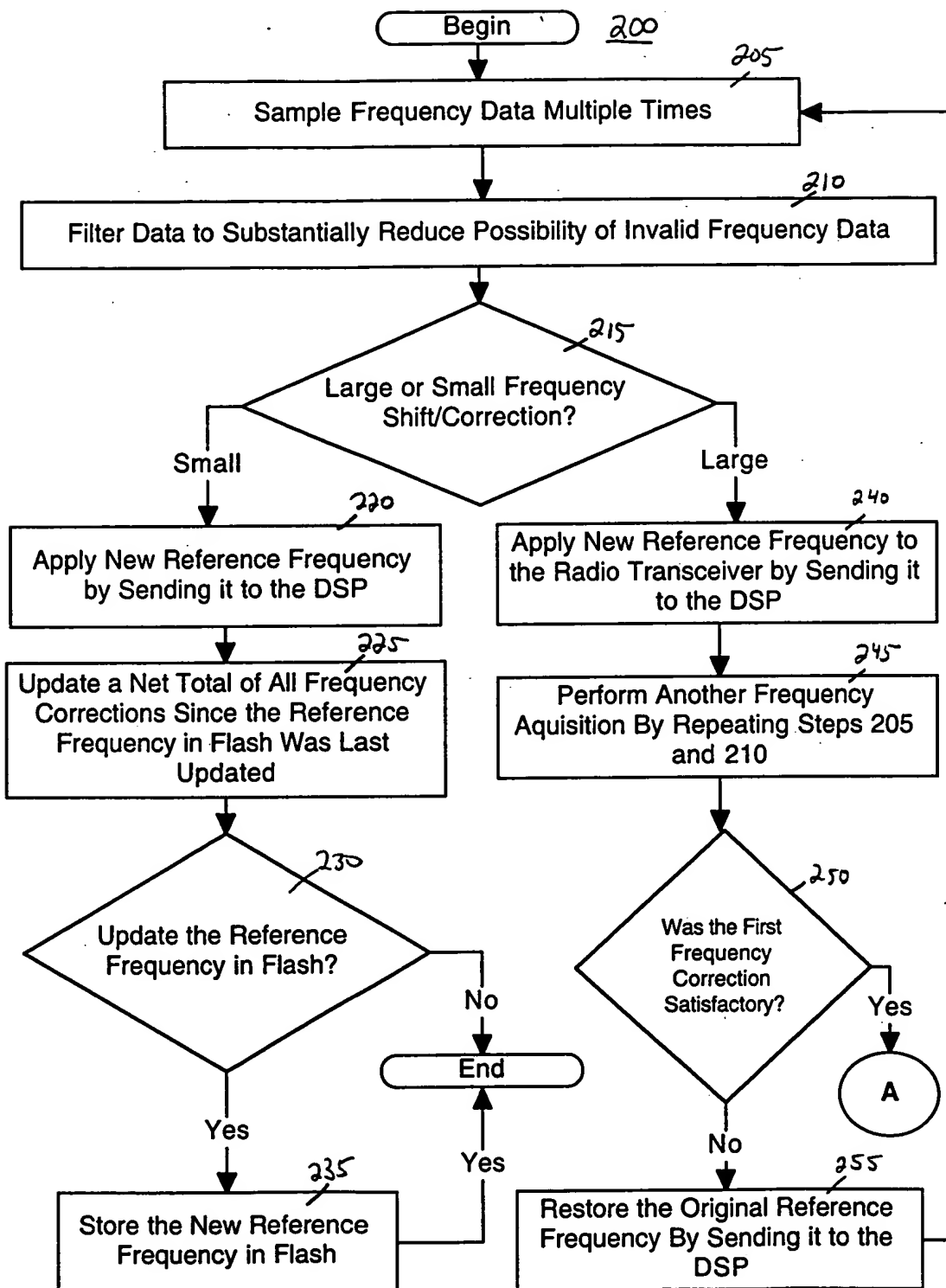


FIG. 2A

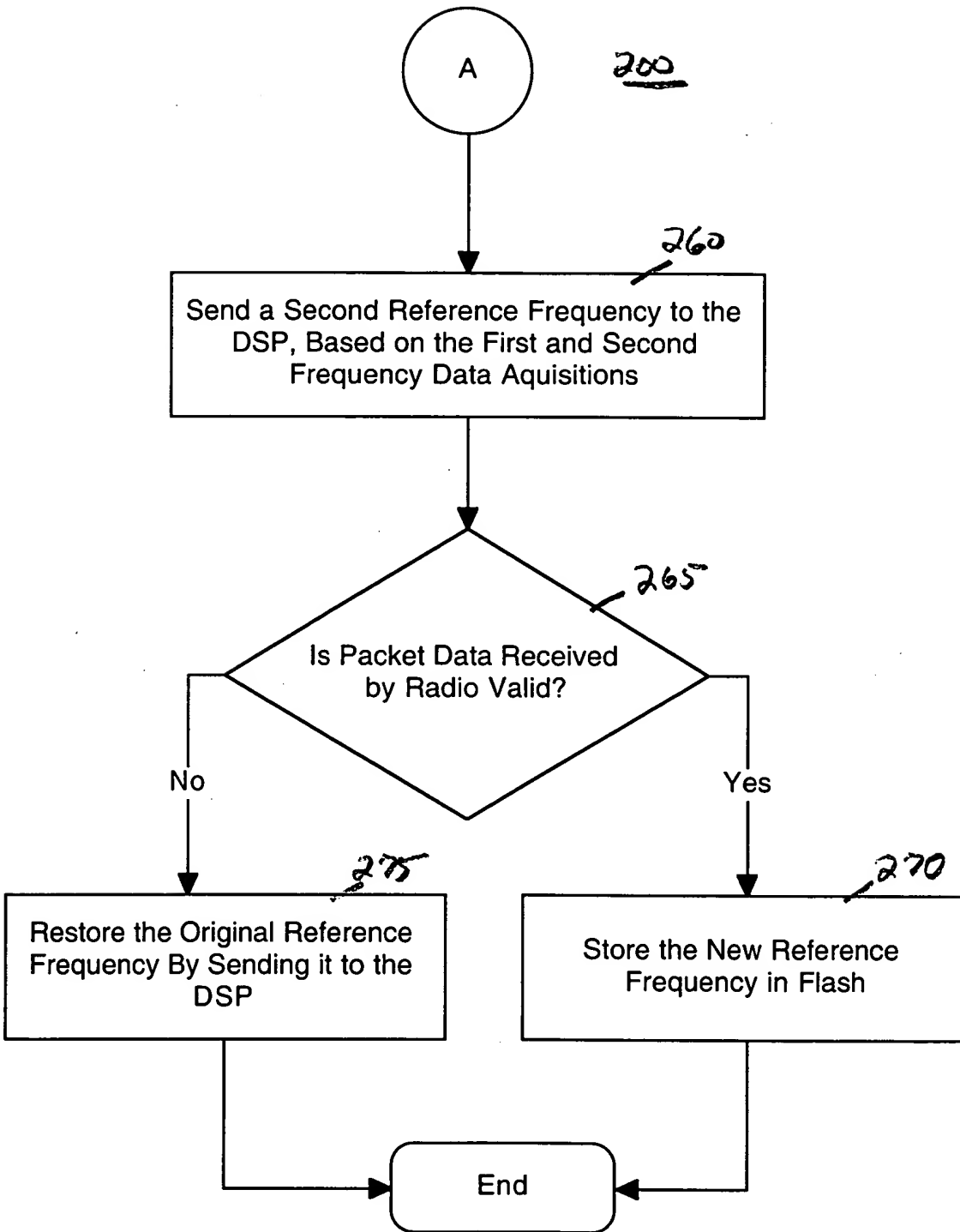


FIG. 2B

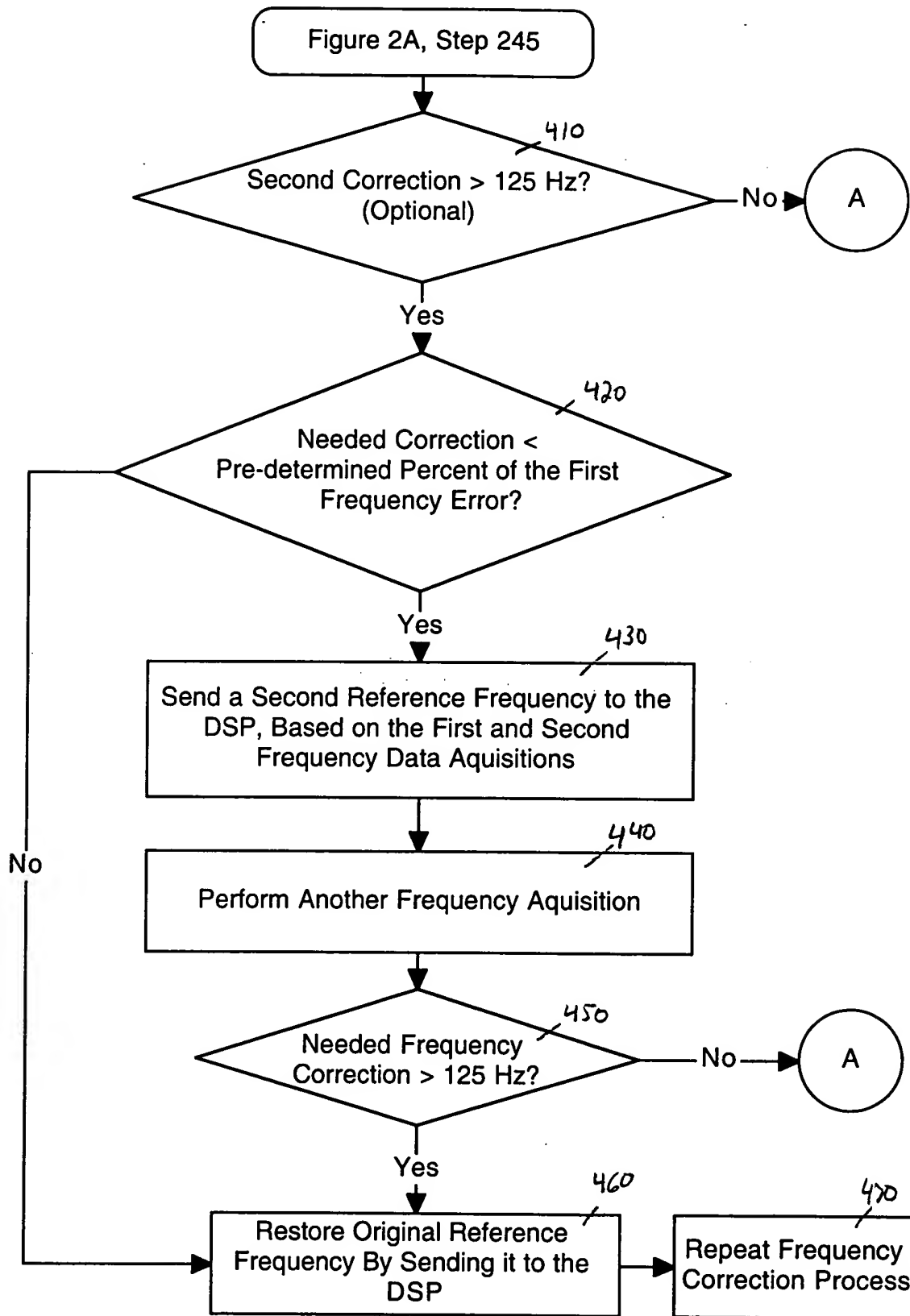


FIG. 2C

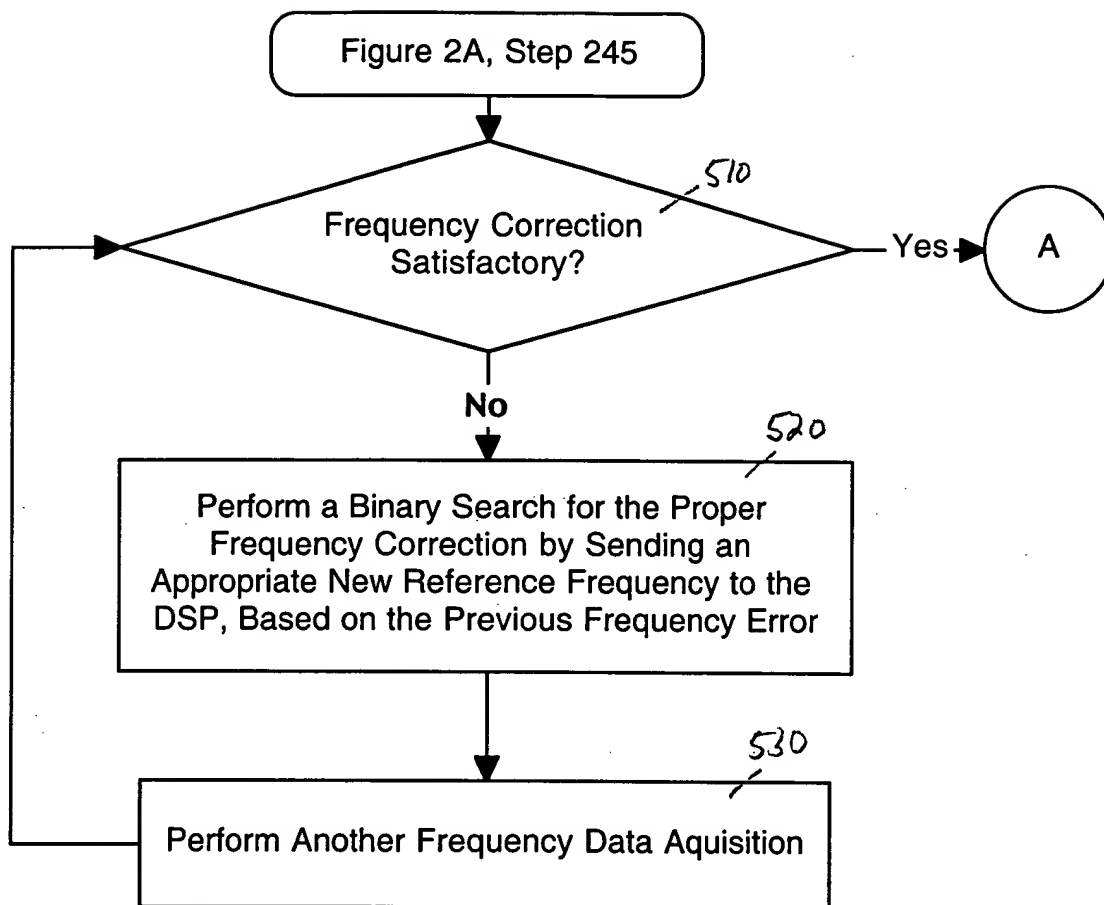


FIG. 2D

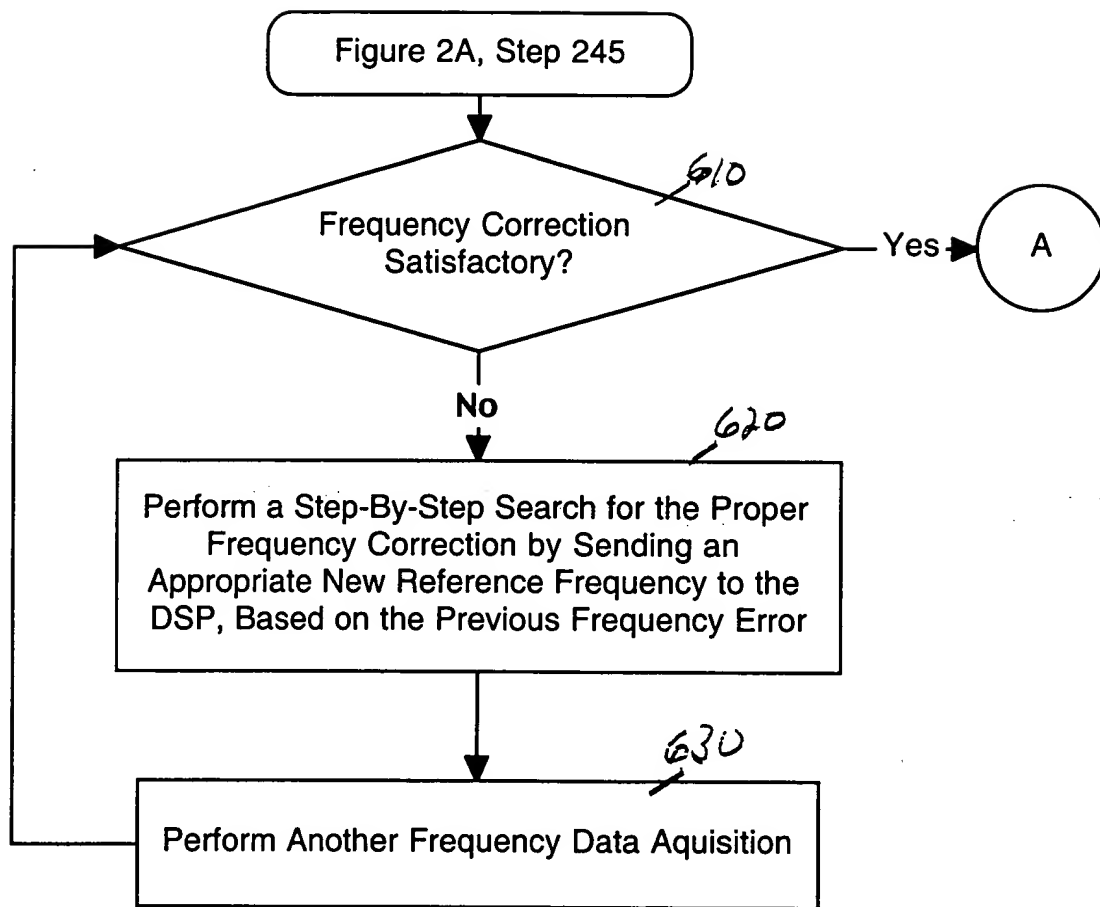


FIG. 2E

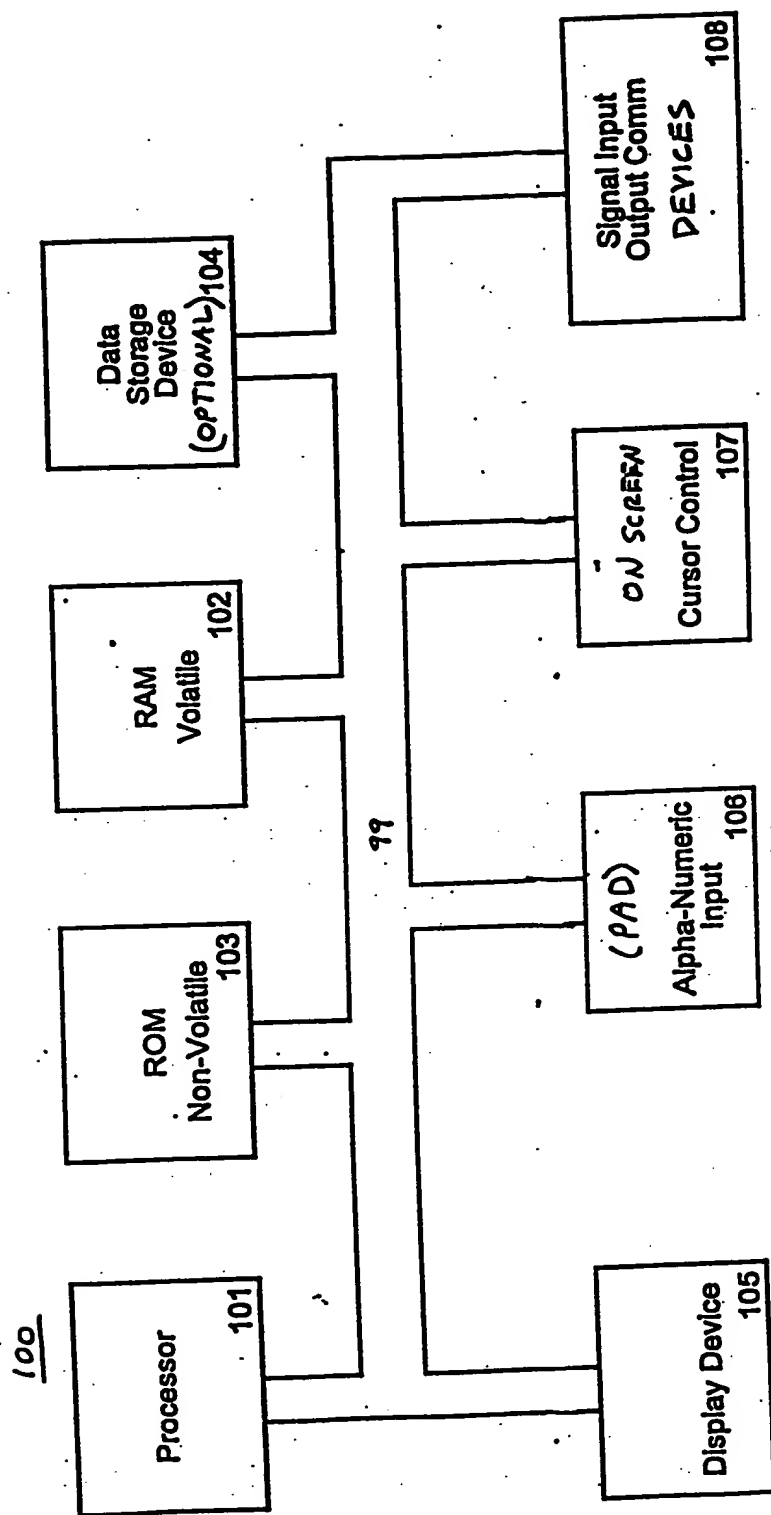


FIG. 4